

Abstract

A computer program product is disclosed that causes the computer to perform the following: a configuration of a structured system for the planning, integration, analysis and management of new product development on a real-time, enterprise-wide basis at the initiation of the computer code, the system comprising: a portfolio planning and management component; a project planning and management component; a resource planning and management component; and a process planning and management component; a modification of one of the components by an operator command; and an automatic reconfiguration of each of the other components to conform with the modified one of the components. A method is disclosed for assigning resource capacity to projects, the method comprising: directing a list of requests for resources issued by a project team to at least one appropriate resource group manager based upon resource configuration; analysis of the list of requests by the at least one resource group manager to make a determination as to the capacity for assigning the requested resources to the project; and assigning capacity to the project based on the determination made by the at least one resource manager.